Ecological Laboratories INC. Solving Environmental Problems Naturally Since 1976

SAFETY DATA SHEET
VERSION 1.1
Revision Date: June 2026

Section 1: IDENTIFICATION

Product Identifier: MICROBE-LIFT NITE-OUT II
Brand: MICROBE-LIFT
Product Number is based on Product Size. For more information request for brochure/ refer one.
Manufacturer: Ecological Laboratories Inc.
Address: 2525 N.E. 9th Avenue
Cape Coral, FL 33909
Phone: (800) 645-2976
Emergency: (800) 424-9300
Outside USA: (202) 483-7616
Recommended Use: To enhance nitrification.

Section 2: HAZARD(S) IDENTIFICATION

Hazard Classification: This product is not classified, according to the Globally Harmonized System (GHS).
Signal Word: None
Hazard Statement: None
Pictograms: None
Precautionary Statements: None
Description of hazard not otherwise classified: NA
Mixture containing an ingredient with unknown toxicity: NA

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name: NA
Common Name & Synonyms: MICROBE-LIFT NITE-OUT II, MICROBE-LIFT NITE-OUT II STARTER BACTERIA, MICROBE-LIFT NITE-OUT II NITRIFYING BACTERIA
Chemical Abstracts Service (CAS) number and unique identifiers: NA
Ingredients are non-hazardous & proprietary.
Impurities & Stabilizing Additives: NA
Chemical Name and Concentration of all ingredients (classified as health hazard): NA

Section 4: FIRST AID MEASURES

Note: The product has been classified as a non-hazardous substance.
In case of skin contact
Rinse with water. Remove contaminated clothing and footwear. If symptoms persist, call a physician.
In case of eye contact
Rinse with plenty of lukewarm water, also under eyelids for fifteen minutes. If symptoms persist, call a physician.
If inhaled
Supply fresh air immediately. Rinse mouth and nose with water. Contact a physician if necessary.
If swallowed
Rinse mouth with water. Gargle with water. If uneasy symptoms persist, call a physician. Induce vomiting only if advised by physician or poison control. Call poison control.
Recommendation for immediate medical care: Proceed as mentioned above. Call poison control if ingested. Seek medical attention if irritation persists.

Section 5: FIRE FIGHTING MEASURES

Suitable extinguishing media
Use extinguishing measures that are appropriate to local circumstances and the environment; water.
Special hazards arising from the substance or mixture
NA
Advice for firefighters
Firefighters must wear fire resistant personnel protective equipment & self-contained breathing apparatus.
Further information
There are no hazardous combustion products in normal use. Fire creates fumes including carbon dioxide and sulfur dioxide.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures
As mentioned under section 7.
Environmental Precautions
NA
Methods and materials for containment and cleaning up
Place in suitable labeled containers and hold for waste disposal. Wash spill site with water. If bacterial contamination is an issue use chlorine.
Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on PPE.
See Section 13 for disposal information.

Section 7: HANDLING & STORAGE

Precautions for safe handling
Minimize exposure in accordance with good hygiene practice. Keep out of reach of children. Wash hands after use.
Conditions for safe storage, including any incompatibilities
To be stored at 0° C to 40° C for product viability only. Must be stored in original container with closed lid.
Specific end use(s)
NA

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters
None
Components with workplace control parameters
Contains no substance with occupational exposure limit values.
Exposure controls
Material transfer should be done under conditions of local exhaust ventilation to avoid breathing mist.
Permissible Exposure Limit (PELs)
None
Threshold Limit Values (TLVs)
None
Appropriate engineering controls
Open air/Ventilation

Personal protective equipment

Eye/face protection
None required for consumer use. If splashes are likely to occur, wear safety glasses with side-shields.
Skin and Body protection
None required for consumer use. Repeated or prolonged contact: Wear protective gloves and protective clothing.
Respiratory protection
No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
Control of environmental exposure
NA

Section 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance
Turbid liquid, light tan/pink color suspension
Odor
Very mild odor
pH
6.5 to 9.0
Melting point/freezing point
NA
Initial Boiling Point
NA
Flash Point
NA
Flammability (solid, gas)
NA
Vapor Pressure & Relative Density
NA
Water Solubility
NA
Specific gravity
NA

Section 10: STABILITY AND REACTIVITY

Reactivity
NA
Chemical stability
Stable under normal conditions.
Possibility of hazardous reactions
NA
Condition to avoid
None known
Incompatible materials
Acids and Alkalis may inactivate the bacterial cultures.
Hazardous decomposition products
Oxides of carbon and sulfur

Section 11: TOXICOLOGICAL INFORMATION

Acute Toxicity
NA
Chronic Toxicity
NA
Reproductive Toxicity
NA
Additional Information
None

Section 12: ECOLOGICAL INFORMATION

Toxicity
48-hour LC_{50} using *Daphnia magna* (water flea) >5,000 mg/L
96-hour LC_{50} using *Pimephales promelas* (fathead minnow) >5,000 mg/L
Persistence and degradability
Contents are biodegradable.
Bio-accumulative potential
NA
Mobility in soil
NA
Other adverse effects
None

Section 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods
Via an authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

Section 14: TRANSPORT INFORMATION

DOT (US)
UN Number
NA
Class
NA
Packing Group
NA
Proper Shipping Name
NA

Section 15: REGULATORY INFORMATION

There are no safety, health and environmental regulations/legislation specific for the substance or mixture

Section 16: OTHER INFORMATION

HMIS
Health – 0
Flammability – 0
Reactivity – 0

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named manufacturer nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

This product conforms on its chemical description and is reasonably fit for the purpose referred to in the directions for use when used in accordance with the directions under normal conditions. However, the manufacturer could withdraw the chemical composition of the product on the basis of it being a trade secret.

29 CFR 1910.1200 (I)(1)
The safety data sheet indicates that the specific chemical identity and/or percentage of composition is being withheld as a trade secret; The specific chemical identity and percentage is made available to health professionals, employees, and designated representatives in accordance with the applicable provisions.

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